

User guide

MEDIADISK TWX SERIES





USER GUIDE

1. PRODUCT FEATURES	1
2. PLAYER VIEW	3
3. REMOTE CONTROL	4
4. INSTALLATION CABLE CONNECTION	5
5. NETWORK DATA SHARING WITH PC	8
6. SETUP MENU SHARING	13
7. MOVIE PLAY	16
8. MUSIC PLAY	17
9. PHOTO PLAY	17
10. FIRMWARE UPGRADE	18
11. TROUBLE SHOOTING	20



1. PRODUCT FEATURES

Mediadisk TWX Series is a Home Media Center, with a built-in 3.5" HDD, can play media files (movies, audios and photos) through TV and when connected to PC, can also play shared files via network.

●●● SAFETY AND OTHER INSTRUCTIONS ●●●

Please use TWX carefully and read following instructions.

>>> Copyright

Software, audio, video or any intellectual properties are protected by copyright and international laws.

It is user's responsibility when reproducing or distributing content(s).

>>> Codec Check

This product may not support some media formats. Please check available codec types.

>>> Data Backup

Please backup datas stored in this product in a safe place. We are not responsible for any data loss or damage.

>>> Drop / Shock

Do not give shock or drop the TWX. This may damage it.

>>> Foreign Substance

Do not insert any metal or inflammable foreign substances into player. This may damage it.

>>> Disassembly / Modification

Do not attempt to disassemble or modify any part of TWX. This may damage it.
Any product modification may void the warranty.

>>> Load

Do not place any heavy object on the top of the TWX. This may damage it.

>>> Chemicals

Do not clean product using chemicals cleaners. This may damage the TWX.

>>> Water / Moisture

Do not contact the TWX with water or liquid.

This may cause fire or electric shock. If any conductive liquid enters, turn off the TWX and disconnect power adapter immediately.

>>> Magnet or Magnetic Properties

Do not place the TWX near a magnetic field. This may cause a malfunction or damage stored data.

>>> Heat

Do not place the TWX under direct sunlight or near a heat source. Do not keep it for long time in high temperature. This may damage it.

>>> Vision / Hearing

Do not watch TV or hear loud sound for long time. This may cause vision or hearing problem.

>>> Fire

During TWX use, if you detect smoke or unusual smell, turn off product, disconnect adapter immediately, and call the aftersales department if required.

>>> Children

Do not let children touch the TWX. They may damage it.

>>> Power

Do not use many electronic products with single outlet.

Firmly insert power plug. When working, do not unplug.

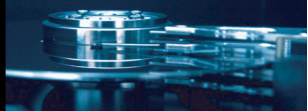


●●● PRODUCT SPECIFICATIONS ●●●

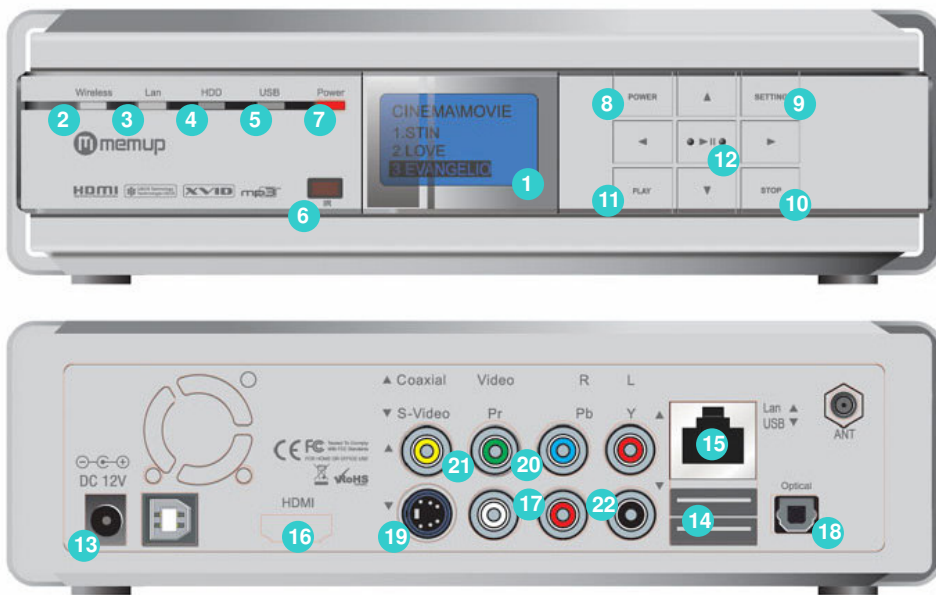
Supported Codec	Video	Codec	MPEG1/2/4, DivX, XviD, WMV9 (max 1920*1080)
		Format	WMV, AVI, MPG, DAT, VOB, IFO, ISO, TP, TRP, TS
	Audio	MP3, WMA, AAC, WAV, AC3, DTS down mixing / Pass through	
	Photo	JPEG, BMP, PNG, GIF	
Connections	Video output	Composite / S-Video HDMI: 480p (576p), 720p, 1080i, 1080p Component: 480i (576i), 480p (576p), 720p, 1080i	
	Audio output	Analog (Stereo), Coaxial, Optical (5.1ch)	
	Network	10/100 Mbps, WIFI 802.11 b/g	
	USB Interface	USB2.0 Host port x2	
General	HDD File System	FAT32/NTFS	
	HDD Type	3.5" SATA hard disk	
	Dimensions	187(W)*193(H)*60(L)mm	
	Temperature	0-60℃	
	Power Adapter	12V 3.5A AC/DC Adapter free voltage (AC100-240V, 50-60Hz)	

●●● PRODUCT CONTENTS ●●●

Mediadisk TWX Series	RCA cable	User Guide
Remote control	YPbPr cable	Quick Starter Guide
CD Utilities	Scart Adapter	Wifi antenna
2xAAA batteries	USB extender	AC adapter



●●● **PLAYER VIEW** ●●●



1. LCD Condition Display Window

Status window

2. Wireless Connection LED

Working status

3. LAN Connection LED

Working status

4. HDD Operation LED

Working status

5. USB Connection LED

USB device status

6. Remote Control Signal Receiver

Infra red receiver

7. Power LED

Working status

8. Power Button

Power On/Off

9. Setup Button

Setup menu

10. Stop Button

11. Play Button

12. OK Button

Select or play file

13. Power Input Terminal

AC adapter Terminal (DC 12V/3.5A)

14. USB HOST Port

USB connection x2

15. LAN Cable Connection Port

LAN port

16. HDMI Video Output Terminal

Digital TV connection.

17. COAXIAL Digital Audio Output Terminal

Connect to amplifier or receiver using coaxial cable

18. OPTICAL Digital Audio Output Terminal

Connect to amplifier or receiver using optical cable

19. S-Video Video Output Terminal

Connect S-Video cable

20. Component Video Output Terminal

Connect YPbPr video cable

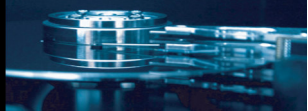
TV output should be set to be supported.

21. Composite Video Output Terminal

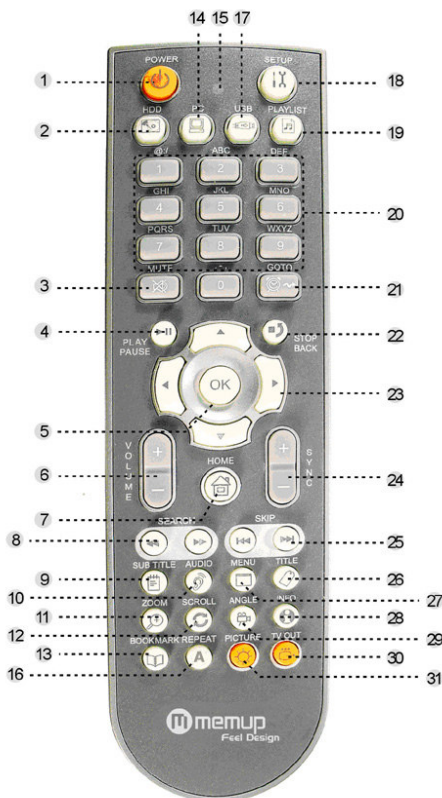
Connect composite cable.

22. Stereo Audio Output Terminal

Connect analog stereo output.



●●● REMOTE CONTROL ●●●



1- Power Button

2- Local Disk Mode

3- Mute

4- Play / Pause

5- OK

6- Volume

7- Home Screen Shortcut Go to Screen Menu

8- Search Forward or backward search (Each double click speeds up search up to 32 times).

9- Subtitle Adjust subtitle settings

- Change position with arrows
- Change subtitle color with arrows
- Select multiple subtitles (When a subtitle file contains more than two languages for ex.)

10- Audio Select audio source.

11- Zoom-in / Zoom-Out

- Pan& Scan: Fill up screen based on horizontal ratio (some portion will be lost)
- Full screen
- Default Screen: Original file aspect ratio

12- Repeat Mode Selection

- 1 Song repeat Unlimited repeat
- Time playback Random playback
- 1 Unlimited repeat playback for all files
- 1 Unlimited repeat random playback
- 1 Time Playback for all files
- 1 Time random playback for all files
- 1 Unlimited repeat playback for one file

13- Bookmark Save bookmark

14- PC Network Mode Switch to Network mode

15- Remote Controller Condition Display Show controller operation.

16- Lang Change language during setup

17- USB HOST Mode

18- SETUP Go to menu screen

19- Play List Pass from numbers to letters in Wireless network config.

20- Number/Character Input Button Enter numbers and characters for various menu items and options.

21- GOTO Jump to desired time position

22- STOP or go back to previous folder

23- Arrow Buttons Select menu items.

In playback mode:

Up/Down: Change subtitle position

Left/Right: In movie mode, search forward or backward.

In music mode: Jump forward/ backward by 15 seconds

24- SYNC Each click adjusts 1-second sync timing when movie is not synchronized with subtitle

25- SKIP Jump to next file during playback.

26- TITLE During DVD playback, it calls title menu.

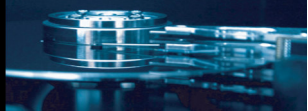
27- MENU During DVD playback, it calls the menu.

28- INFO Display playing file information

29- Multi Angle During DVD playback, it changes camera angle (only for multi-angle titles)

30- TV Output Mode Change TV output mode according to following order:
NTSC Composite → NTSC Component → NTSC HDMI → PAL Composite → PAL Component → PAL HDMI

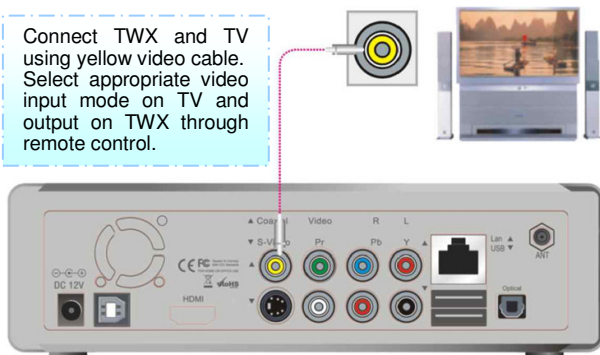
31- Picture Adjust brightness, contrast, and color.



●●● INSTALLATION CABLE CONNECTION ●●●

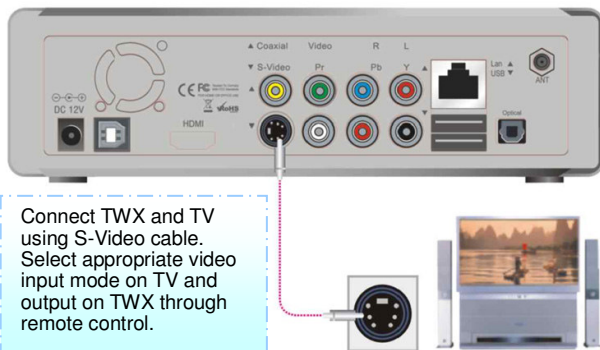
1. Connection with ordinary (Composite) TV output

Connect TWX and TV using yellow video cable. Select appropriate video input mode on TV and output on TWX through remote control.



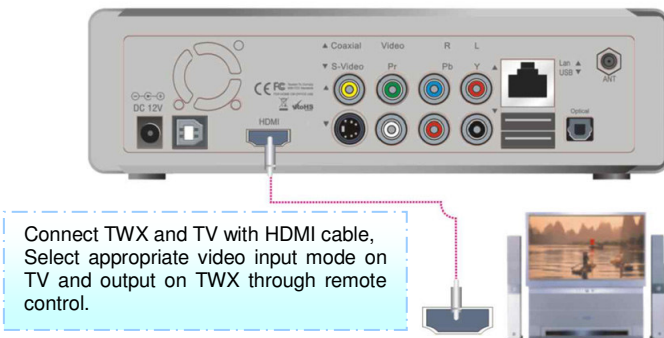
2. Connection with S-Video output

Connect TWX and TV using S-Video cable. Select appropriate video input mode on TV and output on TWX through remote control.

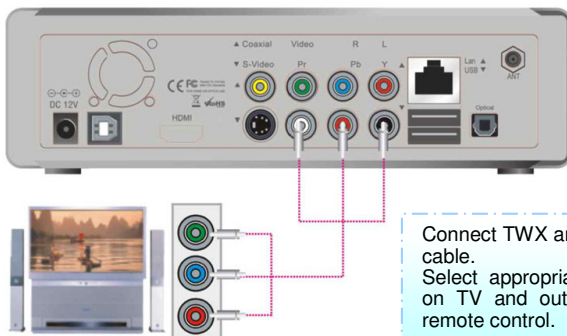


3. Connection with DVI output

Connect TWX and TV with HDMI cable, Select appropriate video input mode on TV and output on TWX through remote control.

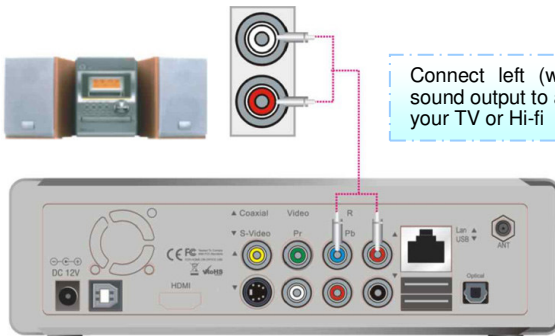


4. Connection with Component output



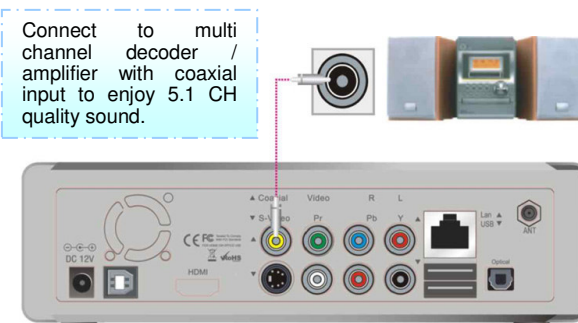
Connect TWX and TV with component cable.
Select appropriate video input mode on TV and output on TWX through remote control.

5. Connection with 2 CH of Normal TV



Connect left (white) and right (red) sound output to appropriate terminal of your TV or Hi-fi

6. Connection with Coaxial output



Connect to multi channel decoder / amplifier with coaxial input to enjoy 5.1 CH quality sound.

7. Connection with Optical output



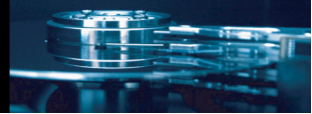
Connect to multi channel decoder / amplifier with optical input to enjoy 5.1 quality sound.

8. Connection with computer



Connect TWX with computer to transfer datas through USB cable.





2. NETWORK BASED DATA SHARING WITH PC

●●● LAN Cable connection between TWX and PC ●●●



2.1 Connection to PC

Use cross or direct cable.

2.2 HUB Connection

For hub or internet router connection, use direct cable.

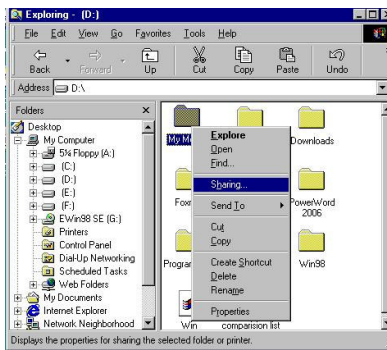
Note: To be connected to TWX, computer should be equipped with a 10/100Mbps LAN card. Whether cross or direct LAN cable can be used for this connection.

●●● Network-based Data Sharing with PC ●●●

After LAN cable is connected, according to your system environment, set up windows network as follows.

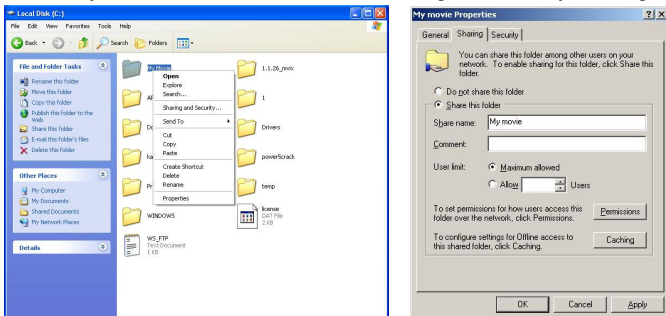
To establish network communication between TWX and your computer, two requirements should be satisfied:

- 1) Folder sharing and security setup
- 2) Using same IP address band and Subnet Mask

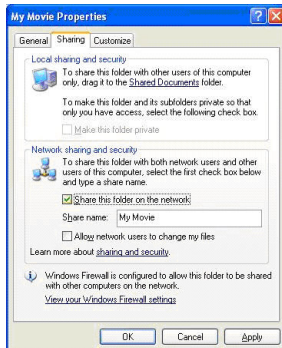


2.3 Data sharing Setup for Windows XP

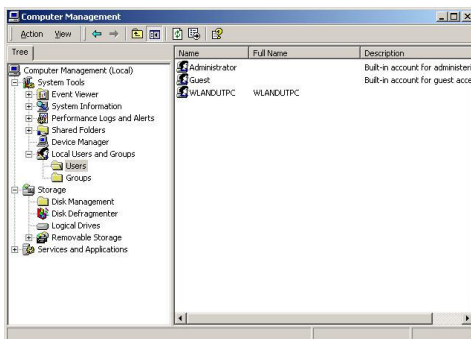
1. Select folder you want to share and select “Sharing and security” with right mouse button.

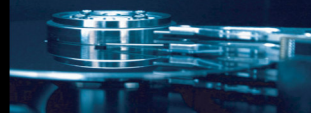


2. Check “Sharing this folder on the network” and type “Share Name”. Ex: My Movie
- WARNING! “Share Name” should be less than 12 characters.**



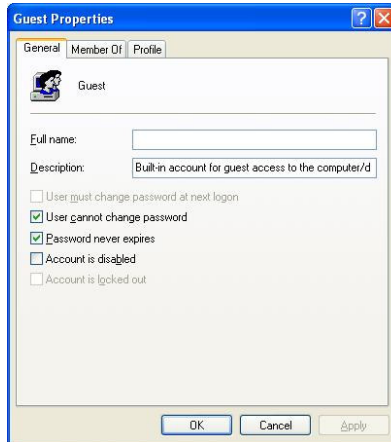
3. If folder is shared, you will see a hand mark on folder icon. Ex: My Movie
4. Go to “Control Panel –Administrative Tools –Computer Management –Local Users and Group” and among displayed items, double-click “Guest” item.



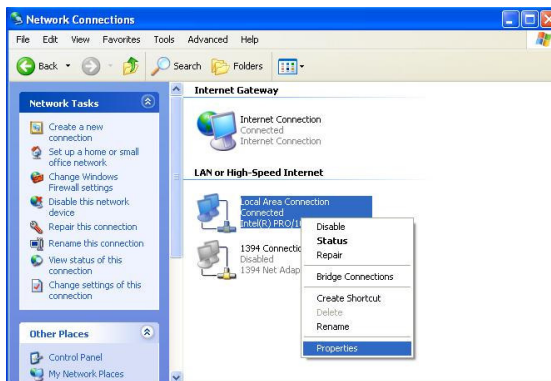


WARNING!

- Permission setting is only required for Windows XP Pro users. If you are an XP home user, go directly to step “6”.
- If you cannot see “Administrative Tools”, click on “Switch to Classic view” on left corner.



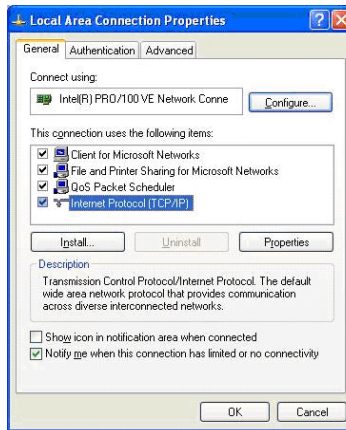
5. After checking “User cannot change password” and “Password never expires”, keep the other checkboxes unchecked.
6. Go to “Control Panel—Network Connections”. Select “Local Area Connections”. Select “Properties” using right mouse button.



WARNING !

- If you cannot see any “Network connections”, click on “Switch to Classic View” on the upper left corner
- If there are more than two “Local Area Connections”, select the LAN card connected to TWX.

7. Among displayed items, double-click “Internet Protocol (TCP/IP)”.



After checking “Specify an IP address” enter your IP address and subnet mask.

Ex: IP address: 192.168.1.3 Subnet Mask: 255.255.255.0.

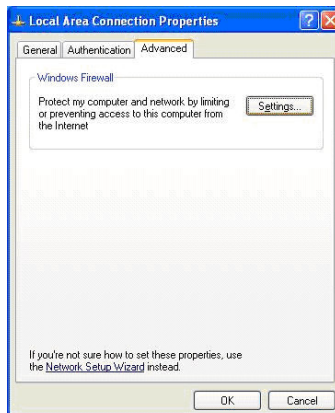
WARNING!

If your PC already has “Obtain IP address automatically” checked and IP automatically assigned from an Internet router or DHCP server, you may not need this setup.

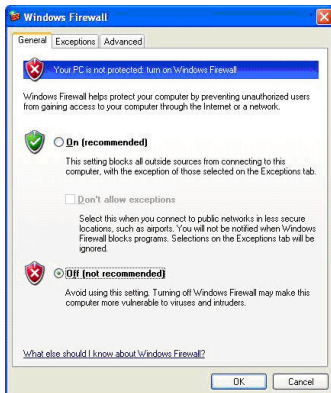
If you want a manual IP setup, please obtain an available IP address and subnet mask from the router manufacturer or network administrator.

If “Internet Connection Firewall” option is checked, cancel this option.

For Windows Service Pack 2 in “Window Firewall” Section click on “Settings”.



After selecting off, click on “ok”.



8. Configure TWX network environment.

After pressing “Setup”, select “IP SETUP” among “NETWORK” setup items and set this to manual setup. Then enter your IP address and subnet mask.

Ex) IP address:192.168.1.10 / Subnet Mask: 255.255.255.0.

IP address	
IP address	192,168,001,010

Subnet Mask	
Subnet Mask	255,255,255,000

●●● Main Menu Screen ●●●



Icons and Screen Components

1. Hard Disk Selection

Use this icon for searching Hard Drive.

2. Network PC selection

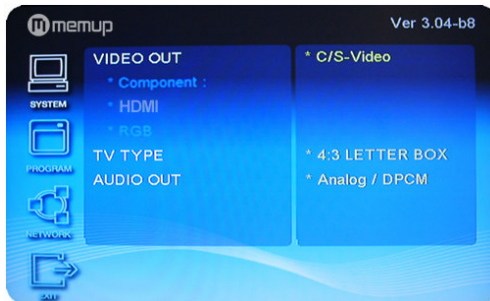
If you select “Shared PC” icon, TWX will search and display all shared files from PC in your local network. Check previous part for more details about settings.

3. USB Disk Selection

If you select “USB Disk” icon, TWX will search and display USB devices connected via USB host from external HDD, USB key, etc...

●●● Setup Menu Setting ●●●

Figure below is TWX SETUP screen



For each menu item, possible options are described below.

1. SYSTEM

TV OUT

C/S-Video: Signal through composite and S-Video output terminal

Component: Signal through component output terminal with 4 Available Resolutions:
480i (576i), 480p (576p), 720p and 1080i

HDMI: Signal through HDMI output terminal with 4 Available Resolutions:
480p (576p), 720p, 1080i, 1080p

TV Type

4:3 Letterbox

Aspect ratio displays contents based on its horizontal length. Black horizontal bars are placed at the top and bottom of screen in a wide mode.

4:3 Pan & Scan

Aspect ratio displays contents based on its vertical length. Some image portions are lost.

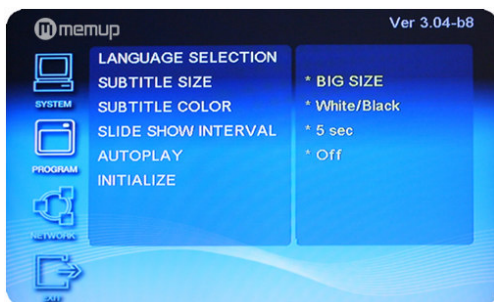
16:9 image output aspect ratio

Audio Output

Analog 2-channels audio output

Encoded digital: Digital audio signals through optical or coaxial output terminal

2. PROGRAM



Language selection

French, English, German, Portuguese, Spanish, Italian.

Subtitle Size Selection

Small, Big or None.

Subtitle Color

White/Black, Yellow/Black, Green/Black, White/Blue, Yellow/Blue and Green/Blue

Slide Show Interval

Set slideshow duration

Initialize (Default Setting)

Reset all settings to default values.

3. NETWORK

Wired / Wireless:

Wired:

IP Setting: Define your IP address

Automatic Setting: Assign IP address automatically from Internet router or DHCP server

Manual Setting: Assign IP Settings

Wireless:

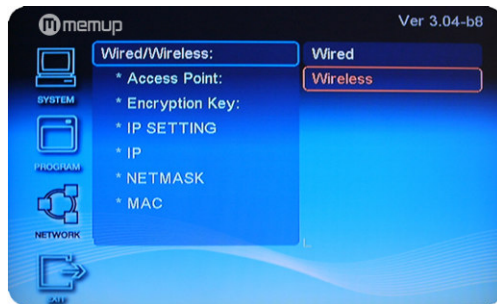
Select access point: Choose among a detection list

Encryption Key: Use, Not use or Cancel

Use: Characters input: WEP mode 64 Bits - Authentication type: WEP mode (open, share, auto) and WPA mode: TKIP, AES

Automatic Setting: Assign an IP address automatically from an Internet router or DHCP server

Manual Setting: Assign an IP Setting



1. Enter setup interface

2. "Wireless network setup":

"Network option" → enter "Wireless setup interface", choose available wlan.

3. Encryption

No web encryption: Enter "not use" encryption

Hex characters encryption: Enter "use", delete characters with "Stop" button, change from numbers to letters with "playlist" button and revise figures by saving encryption.

When IP setup mode shows "Auto": IP address will be automatically searched

When IP setup mode shows "Manual": enter required IP address

5. Exit to confirm all changes



●●● Movie Play ●●●

TWX can play following files: AVI, MPG, MPEG, DAT, VOB, TP, TRP, WMV, ISO etc...

Buttons and functions for movie playback

Remote Control Button	Function	Description
SUBTITLE	1-Click	Change subtitle size (using UP and DOWN arrow).
	2-Click	Change subtitle color (using UP and DOWN arrow).
	3-Click	Select multiple subtitles (When subtitle file contains more than two languages, click 3 times and select subtitle language using UP and DOWN arrow).
AUDIO	Multiple Audio Selection	Select specific audio source when multiple audio sources exist in movie file
INFO	File Info Display	Display played file information
BOOKMARK	Continuous Play	Support two types: stopped points and bookmarked points (up to 9 in order)
VOL	Volume Adjust	Adjust volume
MUTE	Sound Mute	Cut off sound
ZOOM	1-Click	Customizes zoom level using arrow buttons
	2-Click	Pan & Scan
	3-Click	Regardless of file aspect ratio, fills up screen
	4-Click	Sets screen to original file aspect ratio
SYNC	Subtitle Display and Timing	When movie is not sync with subtitle, each click adjusts 1-second sync timing.
GOTO	Instant Jump	Jump to desired position time during playback. Enter time value using arrow or number buttons
OK	Playing file	Play selected file
ARROW BUTTONS	Up/Down	Change subtitle position
	Left/Right	Forward or backward search of current movie
PLAY	Start/Pause	Start or pause playback
STOP	Stop	Stop current playback
	Prev.Folder	Move to upper-level folder on a file list
SKIP	Next / Prev. File	Jump to next or previous file during playback
	Next / Prev. Page	When used on file list screen, jump forward/backward to different pages
SEARCH	Quick Search	Forward or backward search of current movie (Each click doubles up search speed up to 32x).



●●● Music Play ●●●

During music files play, system is in music playback mode. You can search folder and files.

Buttons and functions for music playback

Remote Control Button	Function	Description
BOOKMARK	Continuous Play	Support two types: stopped points and bookmarked points(up to 9 in order)
VOL	Volume Adjust	Adjust volume
MUTE	Sound mute	Cut off sound
OK	Play	Play selected file
PLAY	Start/Pause	Start or pause playback
STOP	Stop	Stop current playback
	Prev.Folder	Move to a upper-level folder on a file list
SKIP	Next/Prev.File	Stop current playback
	Next/Prev.Page	On file list screen, jump forward/backward to different pages.
ARROW BUTTONS	Up/Down	File navigation during playback
	Left/Right	Jumps forward/backward by 15 seconds

●●● Photo Play ●●●

TWX provides slideshow function. Display duration or each picture can be set in SETUP.

When 0-second is selected, system keeps picture display until "SKIP" or "STOP" is pressed.

Buttons and functions for photo playback

Remote Control Button	Function	Description
ANGLE	Pict. Rotation	Rotate picture by 90 degrees in clockwise direction
OK	Play file	Play selected file
PLAY	Start/Pause	Start or pause playback
STOP	Stop	Stop current playback
	Prev. Folder	Move to a upper-level folder on file list
SKIP	Next/Prev. File	Jump to next file during playback
	Next/Prev. Page	On file list screen, jump forward or backward to different pages
ZOOM	1-Click	Customize zoom level using arrow buttons
	2-Click	Pan& Scan
	3-Click	Full screen
	4-Click	Original aspect ratio
SYNC	Time Setting	Set slideshow duration

●●● Firmware Upgrade ●●●

TWX firmware will be upgraded for various performances to update and fix bugs to satisfy customer's needs, firmware version can be confirmed on right upper corner of SETUP screen.

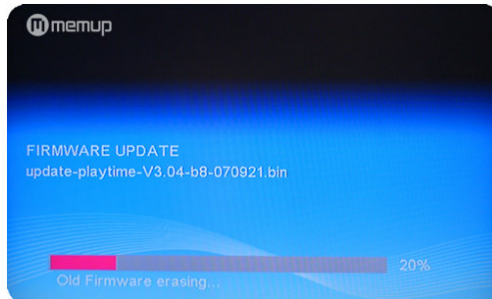
1. Latest firmware can be downloaded from **www.memup.com**
2. After TWX connected to PC, copy firmware to desired location of TWX
3. Connect TWX to TV.
4. Select firmware file by using remote control and press [OK].



Initiate firmware upgrade



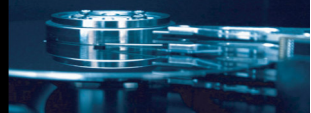
Firmware upgrade is in progress



When firmware upgrade is completed, system will automatically reboot.

Warning:

During firmware upgrade process, do not turn off power or disconnect adapter



●●● **Trouble Shooting** ●●●

For detailed troubleshooting information, please visit www.memup.com and consult FAQ

1. When power is on, nothing appears or screen is shaking:

- Video output mode is not properly set, press [TV OUT] on remote control to change output mode until it is properly set.
- TWX is in PAL or NTSC mode, please check your TV Output mode

2. While playing movie file, subtitle is not shown.

- Make sure movie file name matches to subtitle file name.
- In case of multiple subtitles, if there is no first subtitle. Use [SUBTITLE] button and select second subtitle file.

3. While playing movie, there is no audio output.

- In SETUP menu, check if audio output mode is properly set.
- Check volume level.
- Check if [MUTE] is activated.
- Display different TV output to check if none are available

4. I can't connect TWX to network.

- Please refer to Network settings part and follow step by step
- It could depend on your Operating system, for other OS, please check our FAQ in www.memup.com
- Make sure your personal firewall is deactivated or correctly set to function with TWX
- Make sure your network cable are correctly plugged
- Shared files must be activated in your domestic network

5. The TWX can't read my files (h.264, mkv, rmvb, png, bmp, ...).

- TWX chipset can't read some files, even some firmware couldn't correct, reading files are mentioned on giftbox and in Movie Play part. Some will be added and available in www.memup.com

6. Some Remote control buttons have no functions.

- Some functions will be added and will be available thanks to firmware in www.memup.com